In the specification:

Please replace Table III on pages 89-91 with Table III as follows:

TABLE III

SEQ ID NO. 1
>40_TCC_13F11_M13F.fa   TIME: Sun Sep 10 11:42:06 2000 trimming
information: raw_sequence:582 (high quality:29-320) sequence:97-252
[length:156]
TCCGTCTCATTGAGGGTCCTGAGGAAGTTGATCTCATCATTCAGGGCATC
CACCTTGGCCTCCAGCTCCACCTTGCTCATGTAGGCAGCATCCACATCCT
TCTTCAGCACCACAAACTCATTCTCAGCAGCTGTGCGGCGGTTAATTTCA
TCTTCG

SEQ ID NO. 2
>04_TCC_94G3_M13F.TXT.fa ,constant: 15, poly A: yes
AAGGCTTATTCCATCCGGACCGCATCCGCCAGTCGCAGGAGTGCCCGCGACTGAGCCGCC
TCCCACCACTCCACTCCTCCAGCCACCACCCACAATCACAAGAAGATTCCCACCCCTGCC
TCCCATGCCTGGTCCCAAGACAGTGAGACAGTCTGGAAAGTGATGTCAGAATAGCTTCCA
ATAAAGCAGCCTCATTCTGAGGCCTGAGTGAAAAAAAAA

SEQ ID NO. 3
>20_TCC_60H4_M13F.TXT.fa ,constant: -1, poly A: no
CANTATATAACNAATTGGAGCTCAATNGCNCGCGGNCGCGTGTCTTCTGGGTAGAGGGAT
GNGAAGGAAGGGACCCTTACCCCCGGCTCTTCTCCTGACCTGCCAATAAAAATTTATGGT
CCAAGGNAAAANA

SEQ ID NO. 4
>26_TCC_44C1_M13F.TXT.fa ,constant: -1, poly A: no
ACTCATTGAACTTGAGCTCCGANTCCTGATTCNCATCNAAGCTCTNNATCTGCTCATCAN
GAGANCCCACATCCTTGAGCAGATGGNGCANCTGCTGNTTAACCANCTCTNNGAACTCGN
AGANNNTAAGGCTATCCTTCCGGNCCTCCTGCCTTGCAAAGGTGAAGAAAGTGGTGNNCA
CNGTCNCAATGGANTCCTCTAGCTCTGTCAGTGGTTCTGCTGCNATTATGGAACCTGAGG
CCAAAGCTGATGTCCTCAAGGGGCTAGCTGACCTTTGTCAGGGCTGACCTCTCCTCAGCG
GCAGCAGGGCAGAGTGCTGAACCCAGGAACCCACAGATCCTCCCCGNTCCTGTCTCCCGG
TGACAAGGGTCCTGGAACGGGGCGTCTCTGACTCCCTGCTCCAGGACGGGTTTAAGT

SEQ ID NO. 5
>29_TCC_48G1_M13F.TXT.fa ,constant: -1, poly A: no
ACTTTGAGAAGGCAGGACTCAAATGATGCCCTGGAGATGTCACAGATTCCTGGCAGAGCC
ATGGTCCCAGGCTTCCCAAAAGTGTTTGTTGGCAATTATTCCCCTAGGCTGAGCCTGCTC
ATGT

SEQ ID NO. 6
>31_TCC_65B9_M13F.TXT.fa ,constant: -1, poly A: yes
GACTAGAACCCACCCCCTTNCCTTCCAGCCTTTCTGTCATCATCTCCACAGNCCANCCAT
CCCCTGAGCACACTAACCATCTCATGCAGGCCCCACCTGCCAATAGTAATAAAGCAATGT
CACTTTGTTAAAACATGAAAAAAAAA

SEQ ID NO. 7
>47_TCC_91B11_M13F.TXT.fa ,constant: -1, poly A: yes
CTAGTATACACTCCNCATAGNATACGTTGCAGCTCAATTGCGCGCGGNCGCGGACGACGA
CCTGCGAGGGTGTCTTCTGGGTAGAGGGATGGGAAGGAAGGGACCCTTACCCCCGGCTCT
TCTCCTGACCTGCCAATAAAAATTTATGGTCCAAGGAAAAAAAAA

SEQ ID NO. 8
>10_TCC_53H11_T3
TTTTTTTNNATNTTATTTTGGGTATTGGTGTTNTTTCTTTTTTTCCTCTTNCCTTCTTAACT
CAAGACTTGTAGTGTTGTAAACCTGCCTCACAAAATACATGGTAATAACTTNTCTTTAAA
AAAANAAAAAAGACAGNCTTNACACCATTTCTAATNGNANNACTATTTTTGGGCAATGTT
ATGCACCACTTCAATTTCCCCATTGTGACCCCTATCACTTCATTTGATATCCCTTTTNGA
CCCANCCATCTCCTTCATATATGGGCATGTCCATAGATTGACAAAGAAAGTTTACACTTT
NGAATAAAGATGCAAAGTATGCAAAAACATTAATACTGATGCNAAAAAAANTANAAAAA

SEQ ID NO. 9
>07_TCC_57B3_M13F.TXT ,constant: -1, poly A: yes
GGTACCGACGGACCTGCGGAGACTCCTGCCCTGTTGTGTATAGATGCAAGATATTTATAT
ATATTTTTGGTTGCAATATTAAATACAGACACTAAGTTATAGTATATCTGGCAAGCCAAC
TTGTAAATCACCACCTCACTCCTGTACTTACCTAAACAGATATAAATGGCTGGTTTTTAA
GAAAAAAAAA

SEQ ID NO. 10
>11_TCC_25F2_M13F.TXT ,constant: -1, poly A: no
ACCCTGGGAGAGAAGTTTGAAGAAACCACAGCTGATGGCAGAAAAACTCAGACTGCTGCA
ACTTTACAGATGGTGCATTGNGTCAGCATAGGAGTGAGATGGGGAAGGAAAGCACANTAA
CAAGAAAATTGANAGATGNTAAATTAGTGNTGGAGTGTGTCATGAACAATGCACCTGT

SEQ ID NO. 11
>25_TCC_50G5_M13F.TXT ,constant: 17, poly A: yes
TAGTGTGGAAGCATAGTGAACACACTGATTAGGTTATGGTTTAATGTTACAACAACTATT
TTTTAAGAAAAACATGTTTTAGAAATTTGGTTTCAAGTGACATGTGTGAAAACAATATCG
ATACTACCATAGTGAGCCATGATTTTCTAAAAAAAAA

SEQ ID NO. 12
>26_TCC_50G6_M13F.TXT ,constant: 17, poly A: yes
TAGTGTGGAAGCATAGTGAACACACTGATTAGGTTATGGTTTAATGTTACAACAACTATT
TTTTAAGAAAAACAAGTTTTAGAAATTTGGTTCAAGTGACATGTGTGAAAACAATATTGT
ATACTACCATAGTGAGCCATGATTTTCTAAAAAAAAA

SEQ ID NO. 13
>26_TCC_75E3_M13F_B04_032.ab1.TXT ,constant: 16, poly A: yes
AAAGAGGGCGGCAGGGGCCTGGAGATCCTCCTGCAGACCACGCCCGTCCTGCCTGTGGCG
CCGTCTCCAGGGGCTGCTTCCTCCTGGAAATTGACGAGGGGTGTCTTGGGCAGAGCTGGC
TCTGAGCCGCCCTCCATCCAAGGCCAGGTTCTCCGTTAGCTCCTGTGGCCCCACCCTGGG
CCCTGGGCTGGAATCAGGAATATTTTCCAAAGAGTGATAGTCTTTTTGCTTTTTGGCAAA
ACTCTACTTAATCCAATGGGTTTTTCTCTGTACAGTAGATTTTCCAAATGTAATAAACTT
TAATATAAAGTAAAAAAAAA

SEQ ID NO. 14
>30_TCC_76B3_M13F_F04_042.ab1.TXT ,constant: 16, poly A: yes
AAAGTCATCCTCCGTCTACCAGAGCGTGCACTTGTGATCCTAAAATAAGCTTCATCTCCG
GGCTGTGCCCCTTGGGGTGGAAGGGGCAGGATTCTGCAGCTGCTTTTGCATTTCTCTTCC
TAAATTTCATTGTGTTGATTTCTTTCCTTCCCAATAGGTGATCTTAATTACTTTCAGAAT
ATTTTCAAAATAGATATATTTTTAAAATCCTTAAAAAAAAA

SEQ ID NO. 15
>38_TCC_56E11_M13F.TXT ,constant: -1, poly A: yes
CTCTCCAGTTTGCACCTGTCCCCACCCTCCACTCAGCTGTCCTGCAGCAAACACTCCACC
CTCCACCTTCCATTTTCCCCCACTACTGCAGCACCTCCAGGCCTGTTGCTATAGAGCCTA
CCTGATGTCAATAAACAACAGCTGAAGCAAAAAAAAA

SEQ ID NO. 16
>46_TCC_78B11_M13F_F06_058.ab1.TXT ,constant: 16, poly A: yes
AGGAAAGGTGNGNGCTGGAAGCACTGAACCTACCTCATCCTCCTGGTGGGTGTGGCTACC
CTCGCCACCCCAAATTCCATGTCATTAAAGAACAGCTAAATTCAAAAAAAAA

SEQ ID NO. 17
>53_TCC_79G2_M13F_E07_054.ab1.TXT ,constant: 16, poly A: no
TGTCCGTCTTCACCCATCCCCAAGCCTACTAGAGCAAGAAACCAGTTGTAATATAAAATG
CACTGCCCTACTGTTGGTATGACTACCGTTACCTACTGTTGTCATTGTTATTACAGCTAT
GGCCACTATTATTAAAGAGCTGTGTAACATCAAAAAAA

SEQ ID NO. 18
>82_TCC_89G3_M13F_B11_092.ab1.TXT ,constant: 16, poly A: yes
CAGGAGACCATCCGCGTCACCAAGCCCTGCACCCCCAAGACCAAAGCAAAGGCCAAAGCC
AAGAAAGGGAAGGGAAAGGACTAGACGCCAAGCCTGGATGCCAAGGAGCCCCTGGTGTCA
CATGGGGCCTGGCCCACGCCCTCCCTCTCCCAGGCCCGAGATGTGACCCACCAGTGCCTT

CTGTCTGCTCGTTAGCTTTAATCAATCATGCCCTGCCTTGTCCCTCTCACTCCCCAGCCC
CACCCCTAAGTGCCCAAAGTGGGGAGGGACAAGGGATTCTGGGAAGCTTGAGCCTCCCCC
AAAGCAATGTGAGTCCCAGAGCCCGCTTTTGTTCTTCCCCACAATTCCATTACTAAGAAA
CACATCAAATAAACTGACTTTTTCCCCCCAAAAAAAAA

SEQ ID NO. 19
>35_TCC_21D6_M13F_C05_037.abl.fa TIME: Wed Aug 9 12:48:31 2000 trimming
information: raw_sequence:889 (high quality:34-340) sequence:95-456
[length:362]
CTTTGACGTGGAGAGGAACTCCTGCAATAACTTCATCTATGGAGGCTGCC
GGGGCAATAAGAACAGCTACCGCTCTGAGGAGGCCTGCATGCTCCGCTGC
TTCCGCCAGCAGGAGAATCCTCCCCTGCCCCTTGGCTCAAAGGTGGTGCT
TCTGGCGGGGCTGTTCGTGATGGTGTTGATCCTCTTCCTGGGAGCCTCCA
TGGTCTACCTGATCCGGGTGGCACGGAGGAACCAGGAGCGTGCCCTGCGC
ACCGTCTGGAGCTCCGNAGATGACAAGGAGCAGCTGGTGAAGAACACATA
TGTCCTGTGACCGCCCTGTCGCCAAGAGGACTGGNGAAAGGGAGGGGAGA
CTATGTGTGAGC

SEQ ID NO. 20
>46_TCC_27H5_M13F_F06_058.abl.fa TIME: Wed Aug 9 12:48:35 2000 trimming
information: raw_sequence:892 (high quality:169-406) sequence:170-287
[length:118]
AAAAAGAGTAAAACACTTTCAGTTTCTCCCCTTTAGCCCCTAAAACAACA
TCTTACAGTCTGGATCTGGATCTACCTATACAGTCCTACATTAGCTTCTA
AAATATTTGTCAGGAGGG

Please replace Table IV on pages 92-94 with Table IV as follows:

TABLE IV

SEQ ID NO. 21
>31_TCC_10E8_M13F.fa TIME: Sun Sep 10 11:42:01 2000 trimming information: raw_sequence:549 (high
quality:25-313) sequence:98-313 [length:216]
CCCAAATGGAATGTTGCCCCCTTAAACACCATTTTCCCTCCAGGACCACC
TTGGTTTCTAGGCACTGTGGTTCTTGGCAGGGGCTGTCTTAGGTAAAAGG
GTAGTTGTGGAGCTACAGTCTGAAGAACATAGCTTGGGCTCAAGTTCAAA
TGAGCCATCTTTTTCCTTTGCGTTTTTCTTGACTGAAGGTGAGATGTTAT
TTGTGGCATGTGAACT

SEQ ID NO. 22
>09_TCC_101C11_M13F.TXT.fa ,constant: 16, poly A: yes
ACAAAGACTGCTGATAACTATCTGTGATTGATAGGAAATTTTTTTTCTTGATTTCTCTGT
GAGAAATGTAATGCTGACTTTTATAAAGCCTGGACTTCTACTTTATTTAATAAATCAATG
TTTGCAATGGTAAAAAAAAA

SEQ ID NO. 23
>11_TCC_101E11_M13F.TXT.fa ,constant: 15, poly A: yes
GCAATAAAGCTGTCCATTCAATTCCAAATACTGGTTTTAAGNGTATAGCCACTGATATTC
TTTCATGTNTAGAAATTCTTTCTGTTATTATTCAAGAAAATGTTTTTAATCATGCTAATA
AACTTTTTTGGAGATGAAAAAAAAA

SEQ ID NO. 24
>15_TCC_57C3_M13F.TXT.fa ,constant: -1, poly A: no
GGNACCACGTACCTGCTGAATGTNTCNNCGNNATGNCGNCAGGCCATGCTGTTGCTGATN
TANTACTNTGAAAATANGGATATCATGATGGGAATGCATGTCATGAGGTCCAGANTCGTT
CTACTGTCNATAANCTGTNTACTNGCGTTGANAANAAANGATGTCAAAGNCCCCCCGTAA
AAANGTA

SEQ ID NO. 25
>44_TCC_70E8_M13F.TXT.fa ,constant: 15, poly A: yes
GTCCCAGTCTTCACCAGGTGTCTCTCCTCTTTTACTCAGGAGGACTTTCCCAGGAAAACC
ATGCCACTAGCAAAAAAAA

SEQ ID NO. 26
>03_TCC_57E11_T7.TXT.fa ,constant: 16, poly A: yes
TGAGTGTCTTCAGGCCAACCTGGTGGAAATGTTGTTCTCTGAAGATTAAGATTTTAGGAT
GGCAATCATGTCTTGATGTCCTGATTTGTTCTAGTATCAATAAACTGTATACTTGCTTTG
AATTCATGTTAGCAATAAATGATGTTAAAAAAAAA

SEQ ID NO. 27
>08_TCC_70E7_M13F_H01_015.ab1.TXT ,constant: -1, poly A: no
GGATCGACGACCTGCTTCCCAGANGCGNNCNNGAGGNCCNCTTGTTNNNGNCNNGNANAC
NNACCCANTTNANTTNNAGCCTTTNTGNAATAAATATACACAGGCCACCCATGCCNTGAG
CACACTAACCACNTGATGCAGGCCCCACCTTGCCAATAGTAATAAAGCANTGGGACGTTT
TTTA

SEQ ID NO. 28
>13_TCC_71E4_M13F_E02_018.ab1.TXT ,constant: -1, poly A: no
GGGCCAAAGCCCGNGCATCCAANCCCANGCAAGGNACAAANGANCNNGGAGAGGANNACC
CAAGCANNTNNCAACCATCAAATGGAGGGCANGCCCGGGG

SEQ ID NO. 29
>15_TCC_71H8_M13F_G02_019.ab1.TXT ,constant: -1, poly A: no
GGGCCAAAGCCGNGCATCCAANCCCANCGCANGGNANAAANGANGANGGANANGGATNAC
CCANGCCTNTATTAACCATCAANTGGGANGGCAAGCCCGGGGCATNTATTGATT

SEQ ID NO. 30
>21_TCC_43E2_M13F.TXT ,constant: -1, poly A: no
AGGACCCCTGAANACNACACAGATCTGTGNGAAACAANGGNACNTAGCGTCCCNAAAGTG
CCNGGTTNNNGTANNCNNAGNGNGNGACCNGNGCNCATNT

SEQ ID NO. 31
>24_TCC_96C7_M13F.TXT ,constant: 16, poly A: yes
ATCCAGAGACCATCAATCCTGCTAGAGTGCAGGGTGGCAAGCACCCAAGGGTGGCTGACC
AAGACTGCAGAGTCTCCTCCATCTTCAGGTCCATTCAGCCTCCTGGCATTTAACTACCAG
CATCCAGTGGTCCCCAAGGAATCCCTTCCTAGCCTCCTGACATGAGTCTGCTGGAAAGAG
CATCCAAACAAACAAGTAATAAATAAATAAATAAACTCAAAAAAAAA

SEQ ID NO. 32
>57_TCC_80C9_M13F_A08_056.ab1.TXT ,constant: 17, poly A: yes
CTGCAGGAGTCAGCGTTCAATCTTGACCTTGAAGATGGGAAGGATGTTCTTTTTACGTAC
CAATTCTTTTGTCTTTTGATATTAAAAAGAAGTACATGTTCATTGTAGAGAATTTGGAAA
CTGTAGAAGAGAATCAAGAAGAAAAATAAAAATCAGCTGTTGTAATCACCTAGCAAAAAA
AAA

SEQ ID NO. 33
>14_TCC_9B6_M13F_F02_026.ab1.fa   TIME: Wed Aug 9 12:48:25 2000 trimming information:
raw_sequence:871 (high quality:73-413) sequence:98-394 [length:297]
CACGCATATGGGGCCAGTTCCACATATTTGGCAACCAGACCAGCATCCAG
GACAACACAAAGTATGTTGTTTGTTGTTAGAGGGCTTGGGACATTTCACT
CTTTGCCAGCCTCAGCTTAATCCAGGAGACAAAGATTATTTTCCTTATTA
TCTCTTCTGCATAGGATCTGCAATCAGAACTATTGAACTTCTCCATTCAG
ACCGCCACTCACACCTATGGGAAAAGGGTAATGTATCATCGGCTTAGCAA
CAGGGAATACTATTCGTATGATGGAAAATGGGGACAAAAGGCTTTGG

SEQ ID NO. 34
>24_TCC_12F3_M13F_H03_031.ab1.fa   TIME: Wed Aug 9 12:48:28 2000 trimming information:
raw_sequence:842 (high quality:82-340) sequence:98-476 [length:379]
CTATGAATAGCTTCTTGCTTTATGACTTTAGGATTAACTTGTAAAAAACA
TATCCTGAACTAAGATATGCAAAATACTCATTTTCAAGTTATGGAAATGT
GTTTGTGGCATATAGGACTGTGGGGTCTGTGTGTGTAGTGAGAGTGTGTA
TCCACTATTATAACTGGAATTTAATTTACATTCATAAACTACTATATTTC
CCATCTTGCAAATCATTTTATGTCTCATCTGTTTTTCCTTTCGGNTATAT
CTTTGGNTTTGAATACCAACATTTAAAATGATGGNATTTTATCTTTTAAA
CTTAAAAATTATTTAATACAGCTATATGGACCTTATAAAATTGATTTCTT
ATTTATTATTAGACATTACTACTAAAAGG

SEQ ID NO. 35
>26_TCC_13H10_M13F_B04_032.ab1.fa   TIME: Wed Aug 9 12:48:29 2000 trimming information:
raw_sequence:874 (high quality:67-356) sequence:99-261 [length:163]
CTAACCCACGATTCTGAGCCCTGAGTATGCCTGGACATTGATGCTAACAT
GACCATGCTTGGGATGTCTCTAGCTGGTCTGGGGATAGCTGGAGCACTTA
CTCAGGTGGCTGGTGAAATGACACCTACGAAGGAATGAGTGCTATAGAGA
GGAGAGAGGAGTG

SEQ ID NO. 36
>28_TCC_16D12_M13F_D04_041.ab1.fa TIME: Wed Aug 9 12:48:29 2000 trimming information:
raw_sequence:866 (high quality:71-411) sequence:95-602 [length:508]
CAGCTGATGTCATGTGGTGCTGAGAAGAAAGCAGATCACACTTCATCACA
GAAAGAATGCCTTGTGATTATCTTCTCCACATCTGAAATTCCTTTTGACA
CCTGCATTGGGCCGACTGCCATTCCCATGACTGCTGCACCTGCGTTTTTA
GAGAATGCCTCATAACCCACTGATTCTCATTCACAGAGAATGGGAATACG
GAATGAAGAAAGATTCCAGCAGCTTATAGAAGGATAGCAATATTTTGGGA
CAGGGAAAATCCTGTCATACCTCACCTCTTCCTCAGGAGGAGTTCTGAGC
TGGTCCTGCTTTTCATAGNTGTTTCTTTTCTTCCACTTAAGAACTCATAG
ATTTTTCTTACTGTCCTAAGGAAGTCCTTACCTCTGAGGTATCTCCTCAA
TGAATACTGTTTTCAAGGCTGAAATAGTTCATTATGTTAATAACCTTCTT
TATGTTCTCAGGGAAATGCTTAGGTGGTGTCACAAAAAGGGCCTTTTCTT
TNCTTTNC

SEQ ID NO. 37
>29_TCC_17A5_M13F_E04_034.ab1.fa TIME: Wed Aug 9 12:48:30 2000 trimming information:
raw_sequence:861 (high quality:83-477) sequence:99-187 [length:89]
CTTCAAAAAGTGTATTGTCAAACATACCTAACTTTCTTGCAATAAATGCA
AAAGAAACTGGAACTTGACAATTATAAATAGTAATAGTG

SEQ ID NO. 38
>54_TCC_30E5_M13F_F07_062.ab1.fa TIME: Wed Aug 9 12:48:37 2000 trimming information:
raw_sequence:836 (high quality:65-394) sequence:90-235 [length:146]
CAATTTGTTATAGTATAGTATCAAATTTCTATATAGATTTTATACCTCAG
TGGGGAAAAATAACTGATTCCAATGACATTCATTTTGTTTTCATCTGTGA
TAGTCATGGATGCTTTTATTTTCCTTGGGGTGCTGAAATTGAGCTG

SEQ ID NO. 39
>59_TCC_34D5_M13F_C08_065.ab1.fa TIME: Wed Aug 9 12:48:39 2000 trimming information:
raw_sequence:875 (high quality:63-434) sequence:96-244 [length:149]
CCTGCCAAAATCCTACCACAGGATAACATTACAAGCAAAAAATTTACATG
TTCCAAAGTCTACCACACTCAAGAAGTTACTAAGAACTCTTGCAGAATAA
AAGTCACCATTTTAGAAATGCAAACCCACTTCCAACCTTTGCACAGTCC

SEQ ID NO. 40
>72_TCC_37E11_M13F_H09_079.ab1.fa TIME: Wed Aug 9 12:48:43 2000 trimming information:
raw_sequence:899 (high quality:35-432) sequence:97-444 [length:348]
CATTTTTAGTGACATTTTAAAAGCAGTCAGATTCTATAAATGGCAAGTAA
GCCTGAAGTGAGGATACTGCAATTTTCGGAGAAAAGAACAGCAGCTCTTT
AAGTGTTTGCATTTTCTATTTGGGGGGGCAGGGAACTGTCATTCATTTTGC
ACAATTCTTGAACTGATGTCAGCACCCGAGTGGCTCCTGAATTTAAGTCT
GGGACGACATCTTTTATTTTTACATGAATCTTTAAACAATTCTGTGAGCA
AAGTTTGTAGCTGCTGGATTATTGTCTGTCTTTATAGCAAGTTCCAGTAA
ACCACAAGTATGGCAAAGCTTATCCAATTTTATGCTTGNAGCAGTCAG--

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Please replace Table 6 on pages 91-100 with Table 6 as follows:

Table 6 Polynucleotides corresponding to the Genes described in Table 5.

SEQ ID NO. 41
_>17_TCC_70E7_1_M13F.fa
GGTAGACGTACCTGCGTCCCAGACTTGACCAGGTGGATCTCCTGTTTTAC
TCACGAGGACTTTCCCAGGAAAACCATGCCACTAGCAAAATAATATAAAC
AAAGGA

SEQ ID NO. 42
>17_TCC_70E7_1_M13R.fa
TTTTTTTTTTTTTTTTTTGGCTAGAGGCATGGATATCCTGGGAAAGCTCTCC
TGAGTAAAAGACGAGAGACACCTGGTGAAGACTGGAACGCATGTACGTCT
ACC

SEQ ID NO. 43
>contig_TCC_101E11_RF.fa
GGTCGACGTACCTGCGCAATAAAGCTGTCCATTCAATTCCAAATACTGGT
TTTAAGGTATAGCCACTGATATTCTTTCATGTTTAGAAATTCTTTCTGTT
ATTATTCAAGAAAATGTTTTTAATCATGCTAATAAACTTTTTTGGAGATG
AAAAAAAAAAAAAAAAAA

SEQ ID NO. 44
>contig_TCC_102C5_RF.fa
GCTGGTTGGGGGAATTGGAGGCTTCTAGGAGGTGGCACGGTGCACGCCAA
GATGGCTGTGTCCACAGAGGAGCTGGAGGCCACGGTTCAGGAAGTCCTGG
GGAGACTGAAGAGCCACCAGTTTTTCCAGTCCACATGGGACACTGTTGCC
TTCATTGTTTTCCTCACCTTCATGGGCACCGTGCTGCTCCTGCTGCTGCT
GGTCGTCGCCCACTGCTGCTGCTGCAGCTCCCCCGGGCCCCGCAGGGAAA
GCCCCAGGAAGGAAAGACCCAAGGGAGTGGATAACTTGGCCCTGGAACCC
TGACCCTGTGTCTCCTGCCCGGTGGCAGTAACAAAGCCTTCTGTCTGCCC
AGAAAAAAAAAAAAAAAA

SEQ ID NO. 45
>contig_TCC_21G7_RF.fa
CTAAATCTAGGTATTCTGGCTGAGTGTATCTGGGTGGGCCAGCTAAAAAT
AAACCTCATTGAACTCCAGCCCCAACCCAGAGAAACATCCAGAAGAGCCT
TGAATTAGTGATCCAAAACCCAGGGGGAAAGGCGACATTCTCACCCCCAG
CACCCCCTTCACCTCACCTCAACTCCTACTCTCTCGGTCTATAATCACTG
CTCTCTCTCTCCCCAACACCACTATTGAACAGGAGCCCTTGTCACCAGGT
CCAAGCAATTCCCTAAGGTATCACAAACAATGGTGGATGCAATTTTACCT
TACTCAGTAACCACGAGGCTCACATCCCTAATTTCAGACTCTACCAGCTC
TCAGGTGCCCTCCCAAGGGGCTGCCTGCATGAAGATGCCTTGGAAGTAGC
CCCTTTCACAATCACAGGAATTAACCCCCTGGTGTTGGAGGGGCCTCACT
TTAAGCAATCCCAGTAGTAAACATTGGATAAATCTAAAGGCTTTCTTTAA
TTTTTTTTTTCTCTTCGTAAAGGATTCAAAGCAGGCACAGTGGTG

SEQ ID NO. 46
>contig_TCC_25F2_RF.fa
CCCTGGGAGAGAAGTTTGAAGAAACCACAGCTGATGGCAGAAAAACTCAG
ACTGTCTGCAACTTTACAGATGGTGCATTGGTTCAGCATCAGGAGTGGGA
TGGGAAGGAAAGCACAATAACAAGAAAATTGAAAGATGGGAAATTAGTGG
TGGAGTGTGTCATGAACAATGTCACCTG

SEQ ID NO. 47
>contig_TCC_34A5_RF.fa
CATGAGCAGGCTCAGCCTAGGGGAATAATTGCCAACAAACACTTTTGGGA
AGCCTGGGACCATGGCTCTGCCAGGAATCTGTGACATCTCCAGGGCATCA
TTTGAGTCCTGCCTTCTCAAAG

SEQ ID NO. 48
>contig_TCC_36B5_RF.fa
CTCTTCTTATGCTAATATGCTCTGGGCTGGAGAAATGAAATCCTCAAGCC
ATCAGGATTTGCTATTTAAGTGGCTTGACAACTGGGCCACCAAAGAACTT
GAACTTCACCTTTTAGGATTTGAGCTGTTCTGGAACACATTGCTGCACTT
TGGAAAGTCAAAATCAAGTGCCAGTGGCGCCCTTTCCATAGAGAATTTGC
CCAGCTTTGCTTTAAAAGATGTCTTGTTTTTTATATACACATAATCAATA
GGTCCAATCTGCTCTCAAGGCCTTGGTCCTGGTGGGATTCCTTCACCAAT
TACTTTAATTAAAAATGGCTGCAACTGTAAGAACCCTTGTCTGATATATT
TGCAACTATGCTCCCATTTACAAATG

SEQ ID NO. 49
>contig_TCC_42G5_RF.fa
CCTTCCGAAATACTTCCTCCAGGTGGCAGCACCAAGAATATTTCTGGAAG
CATGTGATGAGTTGTGTGATGAAGATAGAGCCCATTGTGCTGTCTCTCCA
GGACACGTTGTGTGGCGTTGAAGAGCAGAAAGCAATGAAGTCCTTCTCCA
CGTGGGTCTTGTAAACAGCATCTTCCTCCAGGTTCTCAGATGACTGTGAA
GAGGCCACTTCCAAGGATGCTGGAGAGTCTCTGACCCACAGTTCCCCACG
GTTTGCACCTCTGCAGGCCTGGACAATGATGACCTTGGGTTTGTCCTTCA
GACTGAGGCAGTTGCGGTTGTTGAATATCTGGAAGATGGTGTCATAAAGC
AGCACATCTGGTTTTTTCTCATCATGCACAGTTCCGCAGATTCCCTCCAG
GATGCCATGAGACATGGG

SEQ ID NO. 50
>contig_TCC_44C1_RF.fa
CTCATTGAACTTGAGCTCCGAGTCCTGATTCACATCCAAGCTCTTCATCT
TCTCATCAAGAGAGCCCACATCCTTGAGCAGATGGGGCAACTGCTGGGTA
ACCAGCTCTTTGAACTCGTTGACGCTGAGGCTATCCTTCCGGCCCTCCTG
CCTTGCAAAGGTGAAGAAGGTGGTGACCACGGTCTCAATGGACTCCTCTA
GCTCTGTCAGTGGTTCTGCTGCCATTAGGACCCTGAGGCCAAAGCTGATG
TCCTCAAGGGGCTAGCTGACCTTTGTCAGGGCTGACCTCTCCTCAGCGGC
AGCAGGGCAGAGTGCTGAACCCAGGACCCCACAGATCCTCCCCGCTCCTG
TCTCCCGGTGACAAGGGTCCTGGAACGGGGCGTCTCTGACTCCCTGCTCC
AGGACGGGTTTAG

SEQ ID NO. 51
>contig_TCC_54C11_RF.fa
TTTTTTTTTTTTTTTTTTGGTTACGGCAGCACTTTTATTTTTCCTTACACA
ATGACGTGTTGCTGGGGCCTAATGTTCTCACATAACAGTAGAAAACCAAA
ATTTGTTGTCATCTCTTCAAAGAATCGAGAATTGCGTACAAAAAAAAAA
AAAAAAA

SEQ ID NO. 52
>contig_TCC_56E11_RF.fa
CTCTCCAGTTTGCACCTGTCCCCACCCTCCACTCAGCTGTCCTGCAGCAA
ACACTCCACCCTCCACCTTCCATTTTCCCCCACTACTGCAGCACCTCCAG
GCCTGTTGCTATAGAGCCTACCTGTATGTCAATAAACAACAGCTGAAGCA
AAAAAAAAAAAAAA

SEQ ID NO. 53
>contig_TCC_57B3_RF.fa
GGTACGACGGACCTGCGGAGACTCCTGCCCTGTTGTGTATAGATGCAAGA
TATTTATATATATTTTTGGTTGTCAATATTAAATACAGACACTAAGTTAT
AGTATATCTGGACAAGCCAACTTGTAAATACACCACCTCACTCCTGTTAC
TTACCTAAACAGATATAAATGGCTGGTTTTTAGAAAAAAAAAAAAAAAAAA
A

SEQ ID NO. 54
>contig_TCC_58A3_RF.fa
GGCTGGAGCAGGAGATTGCCACCTACCGCCGCCTGCTGGAGGGAGAGGAT
GCCCACCTGACTCAGTACAAGAAAGAACCGGTGACCACCCGTCAGGTGCG
TACCATTGTGGAAGAGGTCCAGGATGGCAAGGTCATCTCCTCCCGCGAGC
AGGTCCACCAGACCACCCGCTGAGGACTCAGCTACCCCGGCCGGCCACCC
AGGAGGCAGGGAGGCAGCCGCCCCATCTGCCCCACAGTCTCCGGCCTCTC
CAGCCTCAGCCCCCTGCTTCAGTCCCTTCCCCATGCTTCCTTGCCTGATG
ACAATAAAGCTTGTTGACTCAGCTAAAAAAAAAAAAAAAAAAA

SEQ ID NO. 55
>contig_TCC_70E8_RF.fa
TTTTTTTTTTTTTTTTTTGCTAGTGGCATGGTTTTCCTGGGAAAGTCCTCC
TGAGTAAAAGAGGAGAGACACCTGGTGAAGACTGGGACGCAGGTACGTCT
ACC

SEQ ID NO. 56
>contig_TCC_71E4_RF.fa
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AACTCCTGCAATAACTTCATCTATGGAGGCTGCCGGGGCAATAAGAACAG
CTACCGCTCTGAGGAGGCCTGCATGCTCCGCTGCTTCCGCCAGCAGGAGA
ATCCTCCCCTGCCCCTTGGCTCAAAGGTGGTGGTTCTGGCGGGGCTGTTC
GTGATGGTGTTGATCCTCTTCCTGGGAGCCTCCATGGTCTACCTGATCCG
GGTGGCACGGAGGAACCAGGAGCGTGCCCTGCGCACCGTCTGGAGCTCCG
GAGATGACAAGGAGCAGCTGGTGAAGAACACATATGTCCTGTGACCGCCC
TGTCGCCAAGAGGACTGGGAAGGGAGGGGAGACTATGTGTGAGCTTTTTT

TAAATAGAGGGATTGACTCGGATTTGAGTGATCATTAGGGCTGAGGTCTG
TTTCTCTGGGAGGTAGGACGGCTGCTTCCTGGTCTGGCAGGGATGGGTTT
GCTTTGGAAATCCTCTAGGAGGCTCCTCCTCGCATGGCCTGCAGTCTGGC
AGCAGCCCCGAGTTGTTTCCTCGCTGATCGATTTCTTTCCTCCAGGTAGA
GTTTTCTTTGCTTATGTTGAATTCCATTGCCTCTTTTCTCATCACAGAAG
TGATGTTGGAATCGTTTCTTTTGTTTGTCTGATTTATGGTTTTTTTAAGT
ATAAACAAAAGTTTTTTATTAGCATTCTGAAAGAAGGAAAGTAAAATGTA
CAAGTTTAATAAAAAGGGGCCTTCCCCTTTAGAATAAATTTCAGCATGTG
CTTTCAAAAAAAAAAAAAAAAAA

SEQ ID NO. 57
>contig_TCC_75E3_RF.fa
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GTGTCTTGGGCAGAGCTGGCTCTGAGCGCCTCCATCCAAGGCCAGGTTCT
CCGTTAGCTCCTGTGGCCCCACCCTGGGCCCTGGGCTGGAATCAGGAATA
TTTTCCAAAGAGTGATAGTCTTTTGCTTTTGGCAAAACTCTACTTAATCC
AATGGGTTTTTCTCTGTACAGTAGATTTTCCAAATGTAATAAACTTTAAT
ATAAAGTAAAAAAAAAAAAAAAAAA

SEQ ID NO. 58
>contig_TCC_78B11_RF.fa
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ATAGGGAAGATGGAGACACCCTCTGGGGGTCCTCTCTGAGTCAAATCCAG
TGGTGGGTAATTGTACAATAAATTTTTTTTGGTCAAATTTAAAAAAAAAA
AAAAAAA

SEQ ID NO. 59
>contig_TCC_89G3_RF.fa
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GGCCAAAGCCAAGAAAGGGAAGGGAAAGGACTAGACGCCAAGCCTGGATG
CCAAGGAGCCCCTGGTGTCACATGGGGCCTGGCCCACGCCCTCCCTCTCC
CAGGCCCGAGATGTGACCCACCAGTGCCTTCTGTCTGCTCGTTAGCTTTA
ATCAATCATGCCCTGCCTTGTCCCTCTCACTCCCCAGCCCCACCCCTAAG
TGCCCAAAGTGGGGAGGGACAAGGGATTCTGGGAAGCTTGAGCCTCCCCC
AAAGCAATGTGAGTCCCAGAGCCCGCTTTTGTTCTTCCCCACAATTCCAT
TACTAAGAAACACATCAAATAAACTGACTTTTTCCCCCCAAAAAAAAAAA
AAAAA

SEQ ID NO 60
>contig_TCC_92D7_RF.fa
TTTTTTTTTTTTTTTGAAGACAACTTTTAGAAACTGATGTTTATTTTCCA
TCAACCATTTTTCCATGCTGCTTAAGAGCCTATGCAAGAACAGCTTAAGA
CCAGTCAGTGGTTGAAGTC

SEQ ID NO. 61
>contig_TCC_93G5_RF.fa
GACTACCAGACCAACAAAGCCAAGCATGATGAGCTGACCTATTTCTGATC
CTGACTTTGGACAAGGCCCTTCAGCCAGAAGACTGACAAAGTCATCCTCC
GTCTACCAGAGCGTGCACTTGTGATCCTAAAATAAGCTTCATCTCCGGGC
TGTGCCCCTTGGGGTGGAAGGGGCAGGATTCTGCAGCTGCTTTTGCATTT

CTCTTCCTAAATTTCATTGTGTTGATTTCTTTCCTTCCCAATAGGTGATC
TTAATTACTTTCAGAATATTTTCAAAATAGATATATTTTTAAAATCCTTA
CAAAAAAAAAAAAAAAA

SEQ ID NO. 62
>contig_TCC_94G3_RF.fa
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CTGAGCCGCCTCCCACCACTCCACTCCTCCAGCCACCACCCACAATCACA
AGAAGATTCCCACCCCTGCCTCCCATGCCTGGTCCCAAGACAGTGAGACA
GTCTGGAAAGTGATGTCAGAATAGCTTCCAATAAAGCAGCCTCATTCTGA
GGCCTGAGTGAAAAAAAAAAAAAAAAAAAA

SEQ ID NO. 63
>contig_TCC_99G12_RF.fa
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CGGCCTCAGCTACAGCCTGGGCTCCAGCTTTGGCTCTGGCGCGGGCTCCA
GCTCCTTCAGCCGCACCAGCTCCTCCAGGGCCGTGGTTGTGAAGAAGATC
GAGACACGTGATGGGAAGCTGGTGTCTGAGTCCTCTGACGTCCTGCCCAA
GTGAACAGCTGCGGCAGCCCCTCCCAGCCTACCCCTCCTGCGCTGCCCCA
GAGCCTGGGAAGGAGGCCGCTATGCAGGGTAGCACTGGGAACAGGAGACC
CACCTGAGGCTCAGCCCTAGCCCTCAGCCCACCTGGGGAGTTTACTACCT
GGGGACCCCCCTTGCCCATGCCTCCAGCTACAAAACAATTCAATTGCTTT
TTTTTTTTTGGTCCAAAATAAAACCTCAGCTAGCTCTGCCAATGTCAAAA
AAAAAAAAAAAAAA

The first two sequences are from opposite ends of the same polynucleotide, (and are thus in the same gene) . All the other 21 sequences are contigs.

Marked up versions of new Tables III, IV, and 6 showing the changes made are attached hereto as **Exhibits B, C** and **D,** respectively.

Applicants maintain that the amendments to Tables III, IV, and 6 were made to introduce the sequence ID numbers and raise no issue of new matter. Accordingly, applicants respectfully request that the Amendment be entered.

Sequence Listing

The Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures indicates that a copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
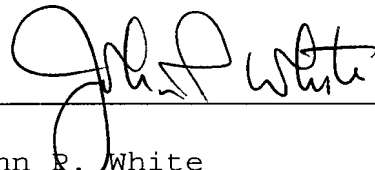
In response, applicants submit as **Exhibit E** hereto a computer readable form (CRF) copy of the "Sequence Listing" as required by 37 C.F.R. §1.825(e) and as **Exhibit F** hereto a courtesy paper copy of the sequence listing. Further, applicants submit herewith a Statement in accordance with 37 C.F.R. §1.821(f) as **Exhibit G,** certifying that the computer readable form containing the nucleic acid and/or amino acid sequences as required by 37 C.F.R. §1.821(e) contains the same information which was submitted as the "Sequence Listing" and contains no new matter.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invite the Examiner to telephone him at the number provided below.

Applicants: Elena Feinstein and Orna Mor
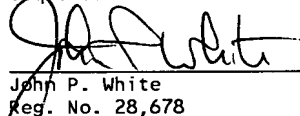U.S. Serial No.: 09/825,682
Filed: April 4, 2001
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No fee is deemed necessary in connection with the filing of this Communication. If any other fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,

John R. White
Registration No. 28,678
Attorney for Applicants
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner For Patents, P.O. Box 2327, Arlington, VA 22202, Box: Sequence

8/1/02

John P. White   Date
Reg. No. 28,678

Marked-up Version of the Table III

Additions to the text are indicated by underlining.

TABLE III

SEQ ID NO. 1
>40_TCC_13F11_M13F.fa TIME: Sun Sep 10 11:42:06 2000 trimming
information: raw_sequence:582 (high quality:29-320) sequence:97-252
[length:156]
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CACCTTGGCCTCCAGCTCCACCTTGCTCATGTAGGCAGCATCCACATCCT
TCTTCAGCACCACAAACTCATTCTCAGCAGCTGTGCGGCGGTTAATTTCA
TCTTCG

SEQ ID NO. 2
>04_TCC_94G3_M13F.TXT.fa ,constant: 15, poly A: yes
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TCCCACCACTCCACTCCTCCAGCCACCACCCACAATCACAAGAAGATTCCCACCCCTGCC
TCCCATGCCTGGTCCCAAGACAGTGAGACAGTCTGGAAAGTGATGTCAGAATAGCTTCCA
ATAAAGCAGCCTCATTCTGAGGCCTGAGTGAAAAAAAAA

SEQ ID NO. 3
>20_TCC_60H4_M13F.TXT.fa ,constant: -1, poly A: no
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GNGAAGGAAGGGACCCTTACCCCCGGCTCTTCTCCTGACCTGCCAATAAAAATTTATGGT
CCAAGGNAAAANA

SEQ ID NO. 4
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GAGANCCCACATCCTTGAGCAGATGGNGCANCTGCTGNTTAACCANCTCTNNGAACTCGN
AGANNNTAAGGCTATCCTTCCGGNCCTCCTGCCTTGCAAAGGTGAAGAAAGTGGTGNNCA
CNGTCNCAATGGANTCCTCTAGCTCTGTCAGTGGTTCTGCTGCNATTATGGAACCTGAGG
CCAAAGCTGATGTCCTCAAGGGGCTAGCTGACCTTTGTCAGGGCTGACCTCTCCTCAGCG
GCAGCAGGGCAGAGTGCTGAACCCAGGAACCCACAGATCCTCCCCGNTCCTGTCTCCCGG
TGACAAGGGTCCTGGAACGGGGCGTCTCTGACTCCCTGCTCCAGGACGGGTTTAAGT

SEQ ID NO. 5
>29_TCC_48G1_M13F.TXT.fa ,constant: -1, poly A: no
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ATGGTCCCAGGCTTCCCAAAAGTGTTTGTTGGCAATTATTCCCCTAGGCTGAGCCTGCTC
ATGT

SEQ ID NO. 6
>31_TCC_65B9_M13F.TXT.fa ,constant: -1, poly A: yes
GACTAGAACCCACCCCCTTNCCTTCCAGCCTTTCTGTCATCATCTCCACAGNCCANCCAT
CCCCTGAGCACACTAACCATCTCATGCAGGCCCCACCTGCCAATAGTAATAAAGCAATGT
CACTTTGTTAAAACATGAAAAAAAAA

SEQ ID NO. 7
>47_TCC_91B11_M13F.TXT.fa ,constant: -1, poly A: yes
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CCTGCGAGGGTGTCTTCTGGGTAGAGGGATGGGAAGGAAGGGACCCTTACCCCCGGCTCT
TCTCCTGACCTGCCAATAAAAATTTATGGTCCAAGGAAAAAAAAA

SEO ID NO. 8
>10_TCC_53H11_T3
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CAAGACTTGTAGTGTTGTAAACCTGCCTCACAAAATACATGGTAATAACTTNTCTTTAAA
AAAANAAAAAAGACAGNCTTNACACCATTTCTAATNGNANNACTATTTTTGGGCAATGTT
ATGCACCACTTCAATTTCCCCATTGTGACCCCTATCACTTCATTTGATATCCCTTTTNGA
CCCANCCATCTCCTTCATATATGGGCATGTCCATAGATTGACAAAGAAAGTTTACACTTT
NGAATAAAGATGCAAAGTATGCAAAAACATTAATACTGATGCNAAAAAAANTANAAAAA

SEO ID NO. 9
>07_TCC_57B3_M13F.TXT ,constant: -1, poly A: yes
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ATATTTTTGGTTGCAATATTAAATACAGACACTAAGTTATAGTATATCTGGCAAGCCAAC
TTGTAAATCACCACCTCACTCCTGTACTTACCTAAACAGATATAAATGGCTGGTTTTTAA
GAAAAAAAAA

SEO ID NO. 10
>11_TCC_25F2_M13F.TXT ,constant: -1, poly A: no
ACCCTGGGAGAGAAGTTTGAAGAAACCACAGCTGATGGCAGAAAAACTCAGACTGCTGCA
ACTTTACAGATGGTGCATTGNGTCAGCATAGGAGTGAGATGGGGAAGGAAAGCACANTAA
CAAGAAAATTGANAGATGNTAAATTAGTGNTGGAGTGTGTCATGAACAATGCACCTGT

SEO ID NO. 11
>25_TCC_50G5_M13F.TXT ,constant: 17, poly A: yes
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ATACTACCATAGTGAGCCATGATTTTCTAAAAAAAAA

SEO ID NO. 12
>26_TCC_50G6_M13F.TXT ,constant: 17, poly A: yes
TAGTGTGGAAGCATAGTGAACACACTGATTAGGTTATGGTTTAATGTTACAACAACTATT
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ATACTACCATAGTGAGCCATGATTTTCTAAAAAAAAA

SEO ID NO. 13
>26_TCC_75E3_M13F_B04_032.ab1.TXT ,constant: 16, poly A: yes
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TCTGAGCCGCCCTCCATCCAAGGCCAGGTTCTCCGTTAGCTCCTGTGGCCCCACCCTGGG
CCCTGGGCTGGAATCAGGAATATTTTCCAAAGAGTGATAGTCTTTTTGCTTTTTGGCAAA
ACTCTACTTAATCCAATGGGTTTTTCTCTGTACAGTAGATTTTCCAAATGTAATAAACTT
TAATATAAAGTAAAAAAAAA

SEO ID NO. 14
>30_TCC_76B3_M13F_F04_042.ab1.TXT ,constant: 16, poly A: yes
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GGCTGTGCCCCTTGGGGTGGAAGGGGCAGGATTCTGCAGCTGCTTTTGCATTTCTCTTCC
TAAATTTCATTGTGTTGATTTCTTTCCTTCCCAATAGGTGATCTTAATTACTTTCAGAAT
ATTTTCAAAATAGATATATTTTTAAAATCCTTAAAAAAAAA

90

SEQ ID NO. 15
>38_TCC_56E11_M13F.TXT ,constant: -1, poly A: yes
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CTCCACCTTCCATTTTCCCCCACTACTGCAGCACCTCCAGGCCTGTTGCTATAGAGCCTA
CCTGATGTCAATAAACAACAGCTGAAGCAAAAAAAA

SEQ ID NO. 16
>46_TCC_78B11_M13F_F06_058.ab1.TXT ,constant: 16, poly A: yes
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CTCGCCACCCCAAATTCCATGTCATTAAAGAACAGCTAAATTCAAAAAAAAA

SEQ ID NO. 17
>53_TCC_79G2_M13F_E07_054.ab1.TXT ,constant: 16, poly A: no
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CACTGCCCTACTGTTGGTATGACTACCGTTACCTACTGTTGTCATTGTTATTACAGCTAT
GGCCACTATTATTAAAGAGCTGTGTAACATCAAAAAAA

SEQ ID NO. 18
>82_TCC_89G3_M13F_B11_092.ab1.TXT ,constant: 16, poly A: yes
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CATGGGGCCTGGCCCACGCCCTCCCTCTCCCAGGCCCGAGATGTGACCCACCAGTGCCTT
CTGTCTGCTCGTTAGCTTTAATCAATCATGCCCTGCCTTGTCCCTCTCACTCCCCAGCCC
CACCCCTAAGTGCCCAAAGTGGGGAGGGACAAGGGATTCTGGGAAGCTTGAGCCTCCCCC
AAAGCAATGTGAGTCCCAGAGCCCGCTTTTGTTCTTCCCCACAATTCCATTACTAAGAAA
CACATCAAATAAACTGACTTTTTCCCCCCAAAAAAAAA

SEQ ID NO. 19
>35_TCC_21D6_M13F_C05_037.ab1.fa TIME: Wed Aug 9 12:48:31 2000
trimming information: raw_sequence:889 (high quality:34-340)
sequence:95-456 [length:362]
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GGGGCAATAAGAACAGCTACCGCTCTGAGGAGGCCTGCATGCTCCGCTGC
TTCCGCCAGCAGGAGAATCCTCCCCTGCCCCTTGGCTCAAAGGTGGTGCT
TCTGGCGGGGCTGTTCGTGATGGTGTTGATCCTCTTCCTGGGAGCCTCCA
TGGTCTACCTGATCCGGGTGGCACGGAGGAACCAGGAGCGTGCCCTGCGC
ACCGTCTGGAGCTCCGNAGATGACAAGGAGCAGCTGGTGAAGAACACATA
TGTCCTGTGACCGCCCTGTCGCCAAGAGGACTGGNGAAAGGGAGGGGAGA
CTATGTGTGAGC

SEQ ID NO. 20
>46_TCC_27H5_M13F_F06_058.ab1.fa TIME: Wed Aug 9 12:48:35 2000
trimming information: raw_sequence:892 (high quality:169-406)
sequence:170-287 [length:118]
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TCTTACAGTCTGGATCTGGATCTACCTATACAGTCCTACATTAGCTTCTA
AAATATTTGTCAGGAGGG